



RECEIVED

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1453A-40-1.ST25.txt
SEQUENCE LISTING

TECH CENTER 1600/2900

<110> Cooper, Jonathan A.

Howell, Brian W.

<120> ISOLATION AND EXPRESSION OF A DISABLED PROTEIN GENE MdaB1 AND METHODS

<130> 14538A-40-1

<140> US 09/486,293

<141> 2000-08-22

<150> PCT/US98/17384

<151> 1998-08-21

<150> US 60/056,473

Q1 <151> 1997-08-21

<160> 34

<170> PatentIn version 3.1

<210> 1

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<212> DNA

<213> Artificial Sequence

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<223> DNA sequencing primer that hybridizes to pVP16 vector

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<213> Mus dunni

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 Pro Ser Arg Lys Pro Asp Gln Pro Ser Leu Thr Cys Thr Ser Glu Ala
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 Thr Thr Pro Ser Thr Asn Ser Pro Pro Thr Pro Ala Pro Arg Gln Ser
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 Glu Ala Pro Asp Gly Ser Gln Ala Ser Ser Thr Ser Asp Pro Phe Gly
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gag ccc agt ggt gag ccc agt ggt gat aat ata agt cca caa gac ggt 1925
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agc tag atagcgcagg tctgggagcc agagcctctc tatgcgaaaa tcaacagacc 1981
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 555

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Ile Asp Glu Val Ser Ala Ala Arg Gly Asp Lys Leu Cys Gln Asp Ser
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Met Met Lys Leu Lys Gly Val Val Ala Gly Ala Arg Ser Lys Gly Glu
65 70 75 80

His Lys Gln Lys Ile Phe Leu Thr Ile Ser Phe Gly Gly Ile Lys Ile
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Ile Tyr Glu Leu Lys Gln Arg Glu Glu Leu Glu Lys Lys Ala Gln Lys
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Val Glu Asp Pro Val Tyr Gln Tyr Ile Val Phe Glu Ala Gly His Glu
195 200 205

Pro Ile Arg Asp Pro Glu Thr Glu Glu Asn Ile Tyr Gln Val Pro Thr
210 215 220

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Page 5

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						Pro
						Pro
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						Phe
						Leu
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						Gly
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Met Met Lys Leu Lys Gly Val Val Ala Gly Ala Arg Ser Lys Gly Glu
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His Lys Gln Lys Ile Phe Leu Thr Ile Ser Phe Gly Gly Ile Lys Ile
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Phe Asp Glu Lys Thr Gly Ala Leu Gln His His His Ala Val His Glu
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Ser Arg Lys Lys
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<223> Oligonucleotide for site directed mutagenesis

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<223> X = Any amino acid

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